

ENSEMB.032A



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Smith et al.) Group Art Unit 2186
App. No. : 09/706, 195)
Filed : November 3, 2000)
For : OUTDOOR UNIT)
PROGRAMMING SYSTEM)
Examiner : Unassigned)

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

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Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410. A duplicate copy of this Statement is enclosed for that purpose.

Respectfully submitted,

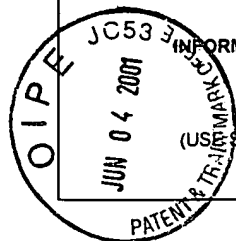
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: May 30, 2001

By: [Signature]

Michael L. Fuller
Registration No. 36,516
Attorney of Record
620 Newport Center Drive
Sixteenth Floor
Newport Beach, CA 92660
(619) 235-8550

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
ENSEMB.032AAPPLICATION NO.
09/708,195INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|---------------------|----|-----------------|----------|----------------------|-------|----------|---------------------------------|
| | 1 | 3,949,404 | 04/06/76 | Fletcher, et al. | | | |
| | 2 | 4,495,619 | 01/22/85 | Acampora | | | |
| | 3 | 5,297,144 | 03/22/94 | Gilbert, et al. | | | |
| | 4 | 5,420,851 | 05/30/95 | Seshadri, et al. | | | |
| | 5 | 5,444,698 | 08/22/95 | Kito | | | |
| | 6 | 5,511,082 | 04/23/96 | How, et al. | | | |
| | 7 | 5,615,212 | 03/25/97 | Ruszczuk, et al. | | | |
| | 8 | 5,638,371 | 06/10/97 | Raychaudhuri, et al. | | | |
| | 9 | 5,638,374 | 06/10/97 | Heath | | | |
| | 10 | 5,675,573 | 10/07/97 | Karol, et al. | | | |
| | 11 | 5,751,708 | 05/12/98 | Eng, et al. | | | |
| | 12 | 5,768,254 | 06/16/98 | Papadopoulos, et al. | | | |
| | 13 | 5,828,695 | 10/27/98 | Webb | | | |
| | 14 | 5,859,619 | 01/12/99 | Wu, et al. | | | |
| | 15 | 5,890,055 | 03/30/99 | Chu, et al. | | | |
| | 16 | 6,006,069 | 12/21/99 | Langston | | | |
| | 17 | 6,016,311 | 01/18/00 | Gilbert, et al. | | | |
| | 18 | 6,016,313 | 01/18/00 | Foster, Jr., et al. | | | |
| | 19 | 6,038,455 | 03/14/00 | Gardner, et al. | | | |
| | 20 | 6,094,421 | 07/25/00 | Scott | | | |
| | 21 | 6,112,080 | 08/29/00 | Anderson, et al. | | | |

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| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
|---------------------|---|
| | 22 Lin., et al., "Error Control Coding, Fundamentals and Applications", Prentice-Hall Computer Applications in Electrical Engineering Series., 1993, pages 315-349. |
| | 23 L.H. Charles Lee, "Convolutional Coding, Fundamentals and Applications", Artech House, Inc., 1997, p. 11-51. |
| | 24 Redl, et al., "An Introduction to GSM", Artech House, Inc., 1995; pages 84, 85 and 95. |
| | 25 C.E. Shannon, "A Mathematical Theory of Communication", Bell System Technical Journal, pp. 379-423 (Part I), 623-656 (Part II), 7/1948. |

EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449

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| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
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| | 26 Ulm., et al., "Data-Over-Cable Interface Specifications, Radio Frequency Interface Specification", Hewlett Packard Interim Specification, Doc. Control No.: SP-RF1101-970321, published 3-21-97 by MCNS Holdings, L.P., Section 6, pgs. 43-85. |
| | 27 Wolf, et al., "On the Weight Distribution of Linear Block Codes Formed From Convolutional Codes", IEEE, IEEE Transactions on Communications, Vol. 44:9, September 1996. |
| | 28 "Asynchronous Transfer Mode (ATM) Technical Overview", 2 nd Edition, Prentice Hall, October 1995, Chapter 3, pp. 21-25. |
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